



THE AMERICAN ASSOCIATION FOR
LABORATORY ACCREDITATION

ACCREDITED LABORATORY

A2LA has accredited

SHERRY LABORATORIES OF INDIANA, LLC
Daleville, IN

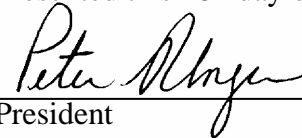
for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 18 June 2005*).



Presented this 28th day of September 2008.



President

For the Accreditation Council

Certificate Number 0174.02

Valid to August 31, 2010

For the tests or types of tests to which this accreditation applies,
please refer to the laboratory's Mechanical Scope of Accreditation.

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

SHERRY LABORATORIES OF INDIANA, LLC
9301 Innovation Dr., Suite 175
Daleville, IN 47334
Deborah Frick Phone: 765 378 4170

MECHANICAL

Valid To: August 31, 2010

Certificate Number: 0174.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on materials, metals and fasteners:

<u>Test</u>	<u>Test Method(s)</u>
Compression	ASTM E9; MTP 2030, MTP 2031
Tension/Tensile, Proof (120K max)	ASTM A370, A975, B557, E8, E345, E646, F606, F606M F1147; SAE J429; NASM 1312-8 (less yield)
Elevated Temperature Tension/Tensile	ASTM E21
Punch	ASTM A975
Pull-Apart Resistance	ASTM A975
PVC Coating Thickness	ASTM A975
Charpy Impact	ASTM A370, E23
Rockwell (A, B, C, E, F)	ASTM A370, E18; NASM 1312-6; SAE J429
Rockwell Superficial (15N, 30N, 45N, 15T, 30T, 45T)	ASTM A370, E18; NASM 1312-6; SAE J429
Brinell Hardness	ASTM A370, E10
Microhardness (Vickers & Knoop)	ASTM B578, E384; NASM 1312-6
Shear	ASTM A370, B565, F606; NASM: 1312-13, 1312-20
Creep, Stress Rupture	ASTM E139, E292; NASM 1312-10
Hydrogen Embrittlement	ASTM F519
Bend	ASTM A370, E290
Flarability	ASTM A370, B153

Coating and Plating Adhesion	ASTM B571(less sec. 6 & 10), C633, D3359, E290, F1147
End Quench Hardenability - Jominy	ASTM A255; SAE J406
Conductivity	ASTM E1004
<u>Metallographic Evaluations:</u>	
Alpha Case	PTP 1007
Bond Integrity/Oxide Content/Cracking	PTP 1060
Scratch Hardness	MTP 1034
Recast/Re-melt	PTP 1049
Preparation	ASTM E3
Microstructure Evaluation	NAS 4002, 4004; PTP-1010
Inclusion Content	ASTM E45; SAE J422
Grain Size	ASTM E112, E883, E930
Macroetching	ASTM A604, E340, E381
Microetching	ASTM E407
Depth of Decarburization	AMS-H-6875; ASTM E1077; SAE J121
Case Depth	AMS-H-6875; SAE J423
Image Analysis (Second Phase Analysis)	ASTM E1245
Coating/Plating Thickness (Metallographic)	ASTM B487; NASM 1312-12
Fractographic Analysis	PTP-1057
SEM/EDS (Semi-quantitative)	ASTM E1508
Surface Finish	SAE J448
Surface Discontinuities	SAE J123
Welder Certification/Weld Procedure Testing (Visual, Mechanical) MIL-STD-248	ASME Section IX; AWS: D1.1, D1.2, D1.3, D1.5, D1.6, D9.1, D10.9, D14.6, D15.1, D17.1;
Failure Analysis (using test methods on Scope)	QAP-1031

** Customer furnished test methods based on the above **